

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5447
name Cities Service Oil & Gas Corp.
address 3545 NW 58th Street
City/State/Zip Oklahoma City, OK 73112

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: license # 7860
name Johnson Drilling Company, Inc.

Wellsite Geologist M. Suiter
Phone 405-949-4400

Purchaser: Northern Natural Gas Co.

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

10-14-84 10-26-84 11-21-84
Spud Date Date Reached TD Completion Date
6725' 6674'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1749' KB feet

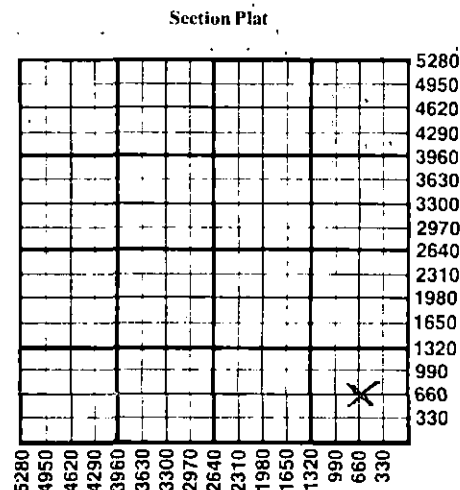
Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15- 175-20787-00-00
County Seward
C SE SE Sec 16 Twp 34 Rge 33
(location) 660' FSL, 660' FEL
660 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Salley H Well# 1
Field Name Wildcat Salley
Producing Formation Lower Morrow
Elevation: Ground 2835' KB
DF: 2845



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T84-690
 Groundwater 610 Ft North From Southeast Corner and
(Well) 760 Ft. West From Southeast Corner of
Sec 16 Twp 34 Rge 33 East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature D.G. Oliver
Title Engineering Manager Date 12-12-84
Subscribed and sworn to before me this 12th day of December 19 84
Notary Public 6-12-88
Date Commission Expires 6/12/88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1
(This form supercedes
previous forms
ACO-1 & C-10)

Sec 16 Twp 34 Rge 33

Operator Name Cities Service Oil & Gas Corp Lease Name Salley, H Well# 1 SEC 16 TWP 34 RGE 33 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Electric Logs.
 BHC Sonic w/GR & Caliper,
 Dual Ind. - SFL w/GR,
 Comp. Neutron w/Litho Density w/GR,
 Microlog w/GR.
 CBL/GR/CCL

Name	Top	Bottom
Surf., Clay, Sand	0	420
Redbed, Sand, Shale	420	1740
Anhydrite	1740	1750
Shale	1750	2581
Lime & Shale	2581	6725

RECEIVED
 STATE CORPORATION COMMISSION

DEC 13 1984

CONSERVATION DIVISION
 Wichita, Kansas

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4"	8-5/8"	24#	1749' KB	65/35 Poz. Class "H"	650	3% CaCl, 1/2# flocc.
Production	7-7/8"	5-1/2"	15.5 & 14#	6724' KB	50/50 Poz.	225	2% CaCl, 1/4# flocc. 1.8% salt, .8% CFR-2, 1/4# flocc.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	6341-44' Basal. Chester. Sd.			400 gal. diesel oil w/7 1/2% Musol-A			6341-44'
Set CIBP @	6304 w/2. sx. cmt. on top						
4	6032-37' Lower Marrow			720 gal. 15% FE Acid			6032-37'
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
size 2-3/8" set at 6025' KB packer at SN @ 6007'							
Date of First Production	Producing method <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
SI wtg. on PL							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
4-Point Test 11-20-84	-0- Bbls	CAOF 2800 MCFD EDA 700 MCF	-0- Bbls	----	CFPB		

Disposition of gas: vented sold - to be used on lease

METHOD OF COMPLETION: open hole perforation other (specify)

Dually Completed. Commingled

PRODUCTION INTERVAL: 6032-6037'
 Morrow